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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/531,324	12/20/2005	Theodora Calogeropoulou	MAK/102/PC/US	6437
2543 ALIX YALE A	7590 02/18/201 E RISTAS LLP	0	EXAM	IINER
750 MAIN ST			BALASUBRAMANIAN, VENKATARAMAN	
SUITE 1400 HARTFORD.	CT 06103		ART UNIT	PAPER NUMBER
mun one,	C1 00105		1624	•
			MAIL DATE	DELIVERY MODE
			02/18/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

#### Application No. Applicant(s) CALOGEROPOULOU ET AL. 10/531,324 Office Action Summary Examiner Art Unit 1624 **Nenkataraman** Balasubramanian/

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.

	- If NO - Failur Any re	period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MCNTHS from the mailing date of this communication, to reply with the set or restorded period for reply will, be statute, cause the application to become ADMONONEQ (SIX SIX.5, SI 313), pply received by the Office state than three months after the mailing date of this communication, even if timely filled, may reduce any plant term adjustment. See 37 CFR 1.70(4p).				
St	atus					
	1)🛛	Responsive to communication(s) filed on <u>09 November 2009</u> .				
	2a)□	This action is FINAL. 2b)⊠ This action is non-final.				
	3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
		closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.				
Di	ispositio	on of Claims				
	4)🛛	Claim(s) <u>1-22</u> is/are pending in the application.				
	4	a) Of the above claim(s) is/are withdrawn from consideration.				
	5)	Claim(s) is/are allowed.				
	,	Claim(s) <u>1,2 and 4-21</u> is/are rejected.				
	,	Claim(s) <u>3 and 22</u> is/are objected to.				
	8)□	Claim(s) are subject to restriction and/or election requirement.				
٨ŗ	pplication	on Papers				
	9) 🔲 7	The specification is objected to by the Examiner.				
	10) 🔲 🛚	The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.				
		Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).				
		Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).				
	11) 🔲 🛚	The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.				
Pr	riority u	nder 35 U.S.C. § 119				
		Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). ☐ All b) ☐ Some * c) ☐ None of:				
		1. Certified copies of the priority documents have been received.				
		2. Certified copies of the priority documents have been received in Application No				
		3. Copies of the certified copies of the priority documents have been received in this National Stage				
		application from the International Bureau (PCT Rule 17.2(a)).				
	* S	ee the attached detailed Office action for a list of the certified copies not received.				

Paper No(s)/Mail Date	-
U.S. Patent and Trademark Office	
PTOL-326 (Rev. 08-06)	

1) Notice of References Cited (PTO-892)

Notice of Draftsperson's Patent Drawing Review (PTO-948)

Information Disclosure Statement(s) (PTO/SB/08)

Attachment(s)

4) Interview Summary (PTO-413) Paper No(s)/Mail Date. \_\_\_

6) Other: \_\_\_\_\_

5) Notice of Informal Patent Application

<sup>--</sup> The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply

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## DETAILED ACTION

Applicants' response, which included amendment to claims 1-22, filed on 11/09/2009, is made of record. Claims 1-22 are now pending. In view of applicants' response, all112 rejections and prior art 102 rejections over Peterson, Counsel, Chabrier and Yamaguchi have been obviated. However, the 102 rejection over Freeman is maintained and additional grounds of rejections are applied to currently pending claims.

### Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 16, 18 and 20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- Recitation of "at least one of" in claim 16 renders claim16 indefinite as it is not clear whether a mixture of compounds is claimed as composition or a single compound.
   Its replacement with "one or more" is suggested.
- Recitation of "consists of" in claim 18 renders claim18 indefinite as it is not clear
  whether a mixture of compounds is claimed as composition or a single compound. Its
  replacement with " is selected from" is suggested.
- 3. Recitation of "is" in claim 20 renders claim 20 indefinite as it is not clear whether a mixture of compounds is claimed as composition or a single compound. Its replacement with "is selected from" is suggested.

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# Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 4-15, 17, 19 and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Freeman et al., WO 98/55533.

Freeman teaches several phosphocholine analogs which include instant compounds. See page 3, formula I shown therein and note with the given definition of X and R<sup>1</sup>, compounds taught by Freeman include instant compounds. See Example 1 and Example 2 shown in pages 12-15.

This rejection is same as made in the previous office action. Applicants' traversal to over come this rejection is not persuasive. Applicants have argued that the carbocyclic ring A does not have CHO groups as in the cited reference. However, reference teaches several cyclohexenyl and cyclopentenyl compounds. The cyclohexenyl and cyclopentenyl compounds shown in pages 12-15 still anticipate instant claimed invention. See example 1 and example 2. Hence, this rejection is maintained.

Claims 1, 4-15, 17, 19 and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Fong et al., Lipids 12(10), 857-62, 1977; CA 88:17757, 1978(CAPLUS Abstract provided).

Fong teaches phosphocholine analog which include instant compound. See Compound shown in the CAPLUS Abstract.

# Allowable Subject Matter

Claims 3 and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### Conclusion

Any inquiry concerning this communication from the examiner should be addressed to Venkataraman Balasubramanian (Bala) whose telephone number is (571) 272-0662. The examiner can normally be reached on Monday through Thursday from 8.00 AM to 6.00 PM. The Supervisory Patent Examiner (SPE) of the art unit 1624 is James O. Wilson, whose telephone number is 571-272-0661. The fax phone number for the organization where this application or proceeding is assigned (571) 273-8300. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-1600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAG. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <a href="http://pair-direct.uspto.gov">http://pair-direct.uspto.gov</a>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-2 17-9197 (toll-free).

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/Venkataraman Balasubramanian/

Primary Examiner, Art Unit 1624